

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast	Observer(s): Nettnin
River System: Sol Duc	Date: 3/23/98
Site Identifier: S-316L-02	WRIA: 20.0316B (P)
River Mile Location: 0.03 mi.	RB/LB: LB
Local Name: Unnamed	Trib. to: 20.0316A (P)
Legal Description: SW ¼ Sec 13 T30N R13W	County: Clallam
Habitat Type: Upper Valley Wall Trib.	

Landowner: ☐ Federal ☒ State ☐ County ☐ Other Government ☒ Private
- Department of Natural Resources
- Possible Rayonier Timber Operations Company
- Possibly Merrill and Ring Tree Farm

Directions to site:

Go north from Forks on highway 101 to MP 200.5. Turn left onto West Lake Pleasant Road, then bear to the right just past the bridge over Lake Creek. Continue for about 2.9 miles (the county road ends at 1.0 mile and the 9000 Line begins) to the 9089, the road to the right at the top of the hill. Just past the 9089 stream 20.0316 crosses under the 9000. S-316L-02 is about 50 meters upstream of the mouth of S-316L-01.

Site Overview:

This valley wall tributary drains about 40 acres of commercial forest. Most of the forest has been harvested. The channel sources on a side hill that forms a saddle on the divide between the Hoko drainage and Lake Creek. It flows through a V-notch valley to 20.0316A at a gradient of up to 20%. There is a satisfactory RMZ composed of predominantly ~ 30 years old deciduous trees and heavy brush.

Habitat Information:

Water sources: Surface runoff, small valley wall tributaries

Intermittent/year-around: Unknown, probably intermittent

Estimated flows (cfs): Lower end: 0.08 - 0.1 Upper end: 0.03 - 0.05

Water temperatures: Lower end: 5.0°C Upper end: 5.5°C

Adjacent stream temperature S-316L-01 (20.0316A): 5.0°C

Other water observations: Clearwater

Site area measurements: ☐ Indirect ☐ Direct ☒ Combination

Widths:	Channels - 0.5 - 1.0 m	Ponds - NA	Wetlands - NA
Depths:	Channels - 5 - 15 cm	Ponds - NA	Wetlands - NA

Total existing habitat area 200 m²

Spawning area: 10 m²

Impounded area: 0 m²

Other rearing area: 190 m²

Spawning Habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

- Limited to outlets of pools by boulders and rubble.
- Gradient is 12 - 18%.
- Spawning conditions favor trout.

Rearing habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- The only slack water associated with this channel is in the deeper pools.
- Riparian is made up of alders with several open areas that have dense salmonberry.
- Fair amount of woody debris and boulders in the channel.
- Overhanging brush provides some cover along the banks.

Describe inaccessible habitat: NA

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

Flooding potential: ☐ Low ☐ Medium ☒ High

- This valley wall tributary is susceptible to flashy flows.

Fish Information:

Site entry condition to S-316L-01: ☐ Poor ☐ Fair ☒ Good

- Egresses into pool formed by woody debris and boulders.
- Increases in gradient within about 10 meters.
- Open and accessible.

Coho access and use:

Juvenile - ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult - ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

- It is assumed that trout use this stream.
- The channel is open and available.

Habitat Improvements:

Enhancement opportunities:

Possible project type:

- Maintain the integrity of the stream.

Additional Comments: G.P.S. coordinates for confluence of S-316L-02 and S-316L-01 are: east 1,068,105, north 1,030,111; end of survey east 1,068,237, north 1,030.837

Attachments Available:

Contact a respective SSHEAR habitat biologist for the following checked items:

<input type="checkbox"/> Aerials	<input checked="" type="checkbox"/> Sketch	<input checked="" type="checkbox"/> Maps	<input type="checkbox"/> Culvert Report
<input type="checkbox"/> Other references	<input type="checkbox"/> Spawning surveys	<input checked="" type="checkbox"/> Juvenile trapping	<input type="checkbox"/> Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-316L-02
Site Name: Unnamed
WRIA: 20.0316B

DATE: 4/13 - 4/14/99

OBSERVER: Darrow, Nettnin

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	4/13	5.0°C	4/14	4.5°C	0	0	0	0	0
2	4/13	5.0°C	4/14	4.5°C	0	0	0	0	0
TOTALS:					0	0	0	0	0

COMMENTS:

- Trap one was placed about 20 m above the confluence of S-316L-01 and S-316L-02.
- Trap two was placed about 40 m above the confluence of S-316L-01 and S-316L-02.
- All traps were baited with salmon roe.

